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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/800,235	03/12/2004	Sze-Moey Voon	200314056-1	8851

22879 7590 12/11/2006

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EXAMINER

BUI, HUNG S

ART UNIT	PAPER NUMBER
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2841

DATE MAILED: 12/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/800,235

Applicant(s)

VOON ET AL.

Examiner

Hung S. Bui

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 November 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-20 and 22-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-20 and 22-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03/12/2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The Declaration Pursuant to 37 C.F.R. & 1.131 have been considered, therefore, the final office action is withdrawn.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 3-7, 10-20 and 22-24 are rejected under 35 U.S.C. 102^b(e) as being *PR 12/7/06* anticipated by Caveney et al. [US 5,143,868].

Regarding claims 1 and 13-15, Caveney et al. disclose a housing (figures 1-3) for an electronic system, the housing comprising:

- an interface opening (an opening including a plurality of connectors 64, 51 and 66) operable to expose an interface connectors (64, 51, 66) that is mounted to an interface held by the housing and coupled to circuitry disposed within the housing; and
- a passage (figures 1-2) having a first opening (105) adjacent to the interface opening, having a second opening (105) and a third opening (105, figure 1), wherein at least one of the openings opens to an environment outside the housing without exposing the circuitry to the outside environment (figures 1-3), the passage being operable to hold a cable communication medium (41,

42) that includes a communication connector (figure 2) attached to the interface connector and that extends from the interface connector through the first opening and the second or third opening.

Regarding claim 3, Caveney et al. further disclose the housing including a back comprising the interface opening (103); and a top (44, figures 1-2) covering the passage.

Regarding claim 4, Caveney et al. disclose the third opening being adjacent the second opening (figure 2).

Regarding claim 5, Caveney et al. disclose the third opening (105) is adjacent to the second opening, and the housing includes a top covering the passage, and a cap operable to close the third opening (figures 1-2).

Regarding claims 6-7, Caveney et al. appears to disclose the passage being substantially straight/rectangular (figures 1-2).

Regarding claim 10, Caveney et al. appear to disclose the passage being tapered (figures 1-3).

Regarding claims 11-12, Caveney et al. disclose wherein the housing further comprises a storage compartment (a space in the housing between a cover 44, and dividers as shown on top of the passage 97 of figure 3), and the second and third openings opens to the storage compartment.

Regarding claim 22, Caveney et al. disclose wherein the communication medium extends through the interface opening (figure 2).

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Regarding claim 16-20 and 23-24, the claimed method steps are inherent in the product structure.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 8-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Caveney et al.

Regarding claims 8-9, Caveney et al. disclose the instant claimed invention except for the area of the first opening is not equal the area of the second opening.

The specific area of each opening depends on the requirement of the manufacturing. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to design consideration based on the area needed being used for holding how many cables through the openings.

Response to Arguments

6. Applicant's arguments with respect to claims 1, 3-20 and 22-24 have been considered but are moot in view of the new ground(s) of rejection.

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Conclusion

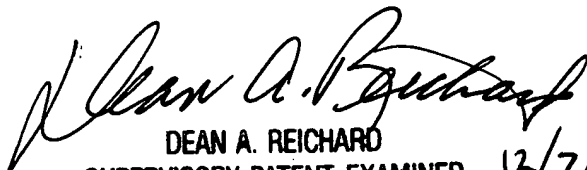
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung S. Bui whose telephone number is (571) 272-2102. The examiner can normally be reached on Monday-Friday 8:30AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on (571) 272-1984. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

12/1/06

Hung Bui
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DEAN A. REICHARD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800
12/7/06